

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Work Order ID 128953

Tuesday, January 27, 2015 7:55:11 AM

128953

Page 2

Item ID: D412-761-043

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Latch Mechanism

Start Date: 1/14/15 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 1/26/15 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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130

0.00

130

Packaging

Packaging

Memo

0.00

Identify and pack for shipping as per PPP D412-761-043

Location: Packed into w/o 132995

PPP Rev: _____

**DAS
02
9-89**

JUL 29 2015

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

15/7/29
87 20150729

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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

Tuesday, January 27, 2015 7:55:10 AM

Page 1

Work Order ID: 128953

128953

Parent Item: D412-761-043

D412-761-043

Parent Item Name: Latch Mechanism

Start Date: 1/14/15

Required Date: 1/26/15

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 09-01-13 rev.C as per dwg DD verified by:EC IPP REV:B
11.11.29 AS PER DSI9580 DD VERF:EC IPP REV:C 12.07.23
ECN12-568 chg002 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3589-041		Manufactured	No			110	Each	1.0000	1	1			
D3589-041									**	JA			
Latch Assembly													
	DAS 02 9-89			<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST232				1					
				123051				1					
D3589-047		Manufactured	No			110	Each	2.0000	1	1			
D3589-047									**	JA			
Fwd Guide													
	DAS 02 9-89			<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST050				2					
				122939				2					
D3589-049		Manufactured	No			110	Each	2.0000	1	1			
D3589-049									**	JA			
Aft Guide													
	DAS 02 9-89			<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST050				2					
				123078				2					
MS16997-24		Purchased	No			110	Each	4.0000	2	2			
MS16997-24									**	JA			
SCREW													
	DAS 02 9-89			<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST316				4					
				m127172				4					
				m132656									
										2			

DAS
27
9-89

DAS
27
9-89

DAS
27
9-89

DAS
27
9-89

JUL 27 2015

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Offset/Setup									
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Supplier									
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Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

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Page 2

Work Order ID: 128953

128953

Parent Item: D412-761-043

D412-761-043

Parent Item Name: Latch Mechanism

Start Date: 1/14/15

Required Date: 1/26/15

Start Qty: 1.00

Required Qty: 1.00

NAS1149DN632J

Purchased

No

110

Each

246.0000

2

2

NAS1149DN632.J

Washer

JA

DAS
27
9-89

DAS
02
9-89

Location

Loc Qty

Loc Code

ST270

246

M127255

100

M128812

146

m132317

110

Each

540.0000

2

2

MS21042L06

Purchased

No

MS21042L 06

Nut

JA

JUL 27 2015

DAS
27
9-89

DAS
02
9-89

Location

Loc Qty

Loc Code

ST304

350

m131294

50

m131317

300

ST305

190

m129499

11

m130325

179

DQA: _____ Date: _____



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Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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6.0 PARTS LIST, FULL VERTICAL REFERENCE DOOR MOD KITS

QTY -041	QTY -041A	QTY -043	QTY -045	QTY -047	QTY -049	QTY -051	QTY -141	PART NUMBER	DESCRIPTION
								D412-761-011	FULL VERTICAL REFERENCE DOOR, LH
								D412-761-011A	FULL VERTICAL REFERENCE DOOR, LH
X								D412-761-041	FULL VERTICAL REFERENCE DOOR KIT, LH
	X							D412-761-041A	FULL VERTICAL REFERENCE DOOR KIT, LH
		X	1					D412-761-043	MODIFIED LATCH MECHANISM KIT, LH
1	1		X					D412-761-045	LARGE BUBBLE WINDOW KIT, LH
1	1			X				D412-761-047	DOOR MOUNTED INSTRUMENT PANEL KIT, LH
1					X			D412-761-049	ARMREST KIT, LH
	1					X		D412-761-051	ARMREST KIT, LH
							X	D412-761-141	VENT KIT
		1						D3589-041	LATCH ASSEMBLY
		1						D3589-047	FORWARD GUIDE
		1						D3589-049	AFT GUIDE
		2						MS16997-24	SCREW
		2						MS21042L06	NUT
		2						NAS1149DN632J	WASHER (OR AN960JD6L)
			1					D3676-1	LARGE BUBBLE WINDOW
			1					D3678-1	PLACARD
			1					D3678-3	PLACARD
			1					D3700-1	INBOARD WINDOW DOUBLER
			1					D3700-3	OUTBOARD WINDOW DOUBLER
			1					D3701-1	FLOOR DOUBLER
			1					D3702-1	FORWARD DOUBLER
			1					D3703-1	AFT DOUBLER
			1					D3703-3	AFT CORNER DOUBLER
			1					D3703-5	AFT CAP
			1					D3704-1	ESCUTCHEON
			1					D3704-3	ESCUTCHEON
			1					D3708-1	ANGLE
			1					D3708-3	ANGLE
			1					D3709-1	ANGLE
			1					D3709-3	ANGLE
			1					D3802-1-135	SEAL
			1					DT9458	CUTTING TEMPLATE
			26					AN3-7A	BOLT
			26					MS21042L3	NUT
			1					MS24694-C5	SCREW (OR MS24694-S5)
			1					MS24694-C13	SCREW (OR MS24694-S13)
			1					NAS43DD3-24	SPACER
			52					NAS1149D0363J	WASHER (OR AN960JD10)

(CONTINUED ON PAGE 11)

Work Order ID 128953

Tuesday, January 27, 2015 7:55:11 AM

128953

Page 1

Item ID: D412-761-043 Accept *N9000040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Latch Mechanism
 Start Date: 1/14/15 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 1/26/15 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: MLJ Date: 150129 Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN D412-761	E	JL							

100 Document Control 0.00
 100 DOCUMENT CONTROL
 DC Memo 0.00
 Doc.Control -USB or Paperwork Photocopy bluefile & type labels per PPP D412-761-043 CHG002

SW 15/07/28

110 Pick Kit 0.00
 110
 Packaging Memo 0.00
 Packaging

① JA JUL 27 2015

120 QC4- 100% Inspect kits for completeness 0.00
 120
 QC Memo 0.00
 Quality Control